

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
16 December 2004 (16.12.2004)

PCT

(10) International Publication Number
WO 2004/109950 A2

(51) International Patent Classification⁷: **H04B 7/005**

Suite 600, Toronto, Ontario M5V 1R2 (CA). GERKIS, Anthony [CA/CA]; Soma Networks, Inc., 312 Adelaide Street West, Suite 600, Toronto, Ontario M5V 1R2 (CA).

(21) International Application Number:
PCT/CA2004/000816

(22) International Filing Date: 3 June 2004 (03.06.2004)

(74) Agent: DAINES, Jeffrey; Soma Networks, Inc., 312 Adelaide Street West, Suite 600, Toronto, Ontario M5V 1R2 (CA).

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2,431,847 9 June 2003 (09.06.2003) CA

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(71) Applicant (for all designated States except US): SOMA NETWORKS, INC. [US/US]; Legal Department, 185 Berry Street, Suite 2000, San Francisco, CA 94107 (US).

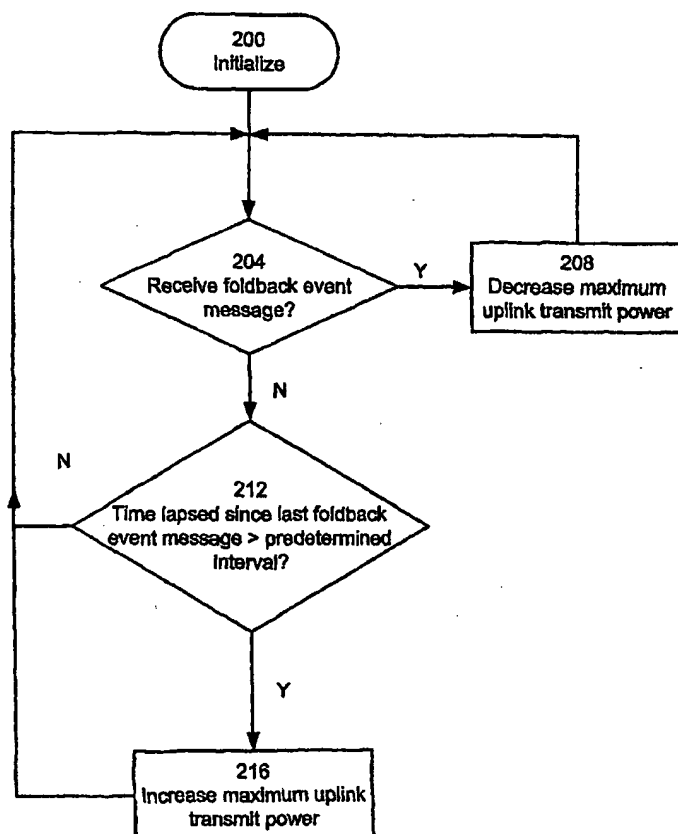
(72) Inventors; and

(75) Inventors/Applicants (for US only): MANTHA, Ramesh [CA/CA]; Soma Networks, Inc., 312 Adelaide Street West,

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR MANAGING AVAILABLE UPLINK TRANSMIT POWER



(57) Abstract: A system and method of determining the maximum uplink transmit power of a subscriber station from a remote base station where the subscriber station reports incidents of foldback in its radio to the base station. When the base station receives the report, it reduces the maximum uplink transmit power of the subscriber station. After a period of time lapses without any reports of foldback occurring, the base station increases the maximum uplink transmit power of the subscriber station.

WO 2004/109950 A2



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.